

Phatsanphon Nakaranurak (Sun)

Enthusiastic Second-Year Information Technology student with a focus on networking & infrastructure at the School of IT, KMITL. Interest in Cloud Infrastructure and DevOps. Demonstrates a passion for continuous learning, Extending beyond IT into areas like photography and tarot reading. Eager to acquire new skills and knowledge. One accomplishment I take pride in is completing *Sekiro: Shadows Die Twice* without any prior experience with Souls-like games.

Relevant Experience

Network Engineer (Intern) @Innovative Extremist *May 2024 – June 2024*

- Configured and managed network devices including routers, switches, and Linux servers used as routers.
- Designed and developed a network dashboard and monitoring system to track network status and performance.
- Implemented traffic engineering to optimize data flow in and out of the internet, enhancing efficiency and reducing latency.
- Provided guidance and designed network systems at L2-L3 levels for efficient management and communication.
- Managed and developed networks for internal use and for small-scale data center customer networks.
- Developed a firewall to protect against DDoS attacks and other intrusions that may occur in the system.

Projects

<i>Judge – Online Code-Judging System *December 2023*

Stack: Next.js, Tailwind, MUI, Express.js and MySQL

Website: ijudge.it.kmitl.ac.th

- Developed an online code-judging system called <i>Judge using Next.js, Tailwind, MUI, Express.js, and MySQL.
- Website hosted at ijudge.it.kmitl.ac.th, aimed at aiding professors in reviewing and evaluating students' algorithms, similar to LeetCode.
- Planned to replace ejudge.it.kmitl.ac.th by 2024, part of ITLadkrabang Open House 2023 for showcasing student projects.
- Collaborated with friends on frontend and deployment, focusing on creating docker-compose and reverse proxy.
- Prototyped version 0 with Angular 16 and Ant Design, transitioning to version 1 with Next.js and MUI while retaining the old backend code.
- Aligned with the DATABASE SYSTEM CONCEPTS course as part of the project's development and implementation.

THE PRO TUTOR – E-Learning website for tutoring school *January 2024*

Stack: SvelteKit, Skeleton (UI), Tailwind, ByteArk CDN and PostgreSQL

Website: theprotutor.net

- Developed an E-Learning website called The Pro Tutor using SvelteKit, Skeleton UI, Tailwind CSS, ByteArk CDN, and PostgreSQL.
- Website hosted at theprotutor.net, designed to offer tutoring services for schools.
- Hired as a developer for the project, focusing on utilizing SvelteKit and implementing ByteArk CDN for video storage and CDN functionalities.

Activities

Teacher Assistant – Problem Solving and Computer Programming

July 2023 – October 2023, July 2024 – October 2024

- Assisted the professor in teaching lab sessions for 1st-year Information Technology students.
- Collaborated with the professor to develop new problem sets used in lab sessions.

Teacher Assistant – Object-Oriented Programming *December 2023 – March 2024*

- Assisted the professor in teaching lab sessions for 1st-year Information Technology students.
- Assisted in grading students' homework assignments.

Contacts

Email: phatsanphon2004@outlook.com

GitHub: github.com/phatsanphonna

Education

Currently - School of Information Technology, King Mongkut's Institute of Technology Ladkrabang
Bachelor of Science in Information Technology
(Networking & Infrastructure Track)

Skills

Programming Languages: HTML, CSS, JavaScript, TypeScript, Python, Java

Libraries & Frameworks: React, Angular, Vue, Svelte, Tailwind, Next.js, MUI, SvelteKit

Tools and Platforms: Docker, Huawei Cloud, Google Cloud Platform, Git, GitHub, Vercel, Cisco IOS, Linux

Languages

Native in Thai with intermediate in English

Interests

Photography, League of Legends, Traveling, Tarot Reading